

## INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

564911

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COUNTRY Czechoslovakia

REPORT

SUBJECT Spuds for Icy Surfaces Used on  
Tracks of the T-34/85 Tank and  
SD-105 SP Gun

DATE DISTR.

NO. OF PAGES 2

DATE OF INFO.

REQUIREMENT NO. RD

PLACE ACQUIRED

REFERENCES

DATE ACQUIRED

This is UNEVALUATED  
Information

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. The Czechoslovak T-34/85 tank and the SD-105 SP gun, which have identical undercarriages, have solid links with a hollow pattern for their 60-centimeter-wide tracks. In winter, the outside surfaces of the links tend to get filled up with snow. The tracks then get slippery and make the control of the vehicle impossible, especially on roads which are slippery anyhow. A simple device consisting of steel spuds which can be easily fastened to the tracks makes it possible to drive the vehicle safely. 25X1
2. There should be about 16 spuds for each track, but this number is not strictly adhered to and is usually smaller. The spuds are made of good quality steel and are L-shaped; their total length is 60 centimeters, and the steel is about 1.5 centimeters thick. The part screwed on to the track is 6 centimeters wide, and the part acting as a spud is 7 centimeters wide. In the former part there are two holes, about 1.5 centimeters in diameter, identical with holes in the track. It is not known whether the spuds are screwed into the driving or the driven links of the track, as all the links have holes in them. 25X1
3. These spuds have proved themselves very useful and all the above vehicles are now fitted with them.

Legend for the sketch

1. Pictorial view of the spud.
2. Holes for fastening screws.
3. Driven link of the track.
4. Driving link of the track.
5. Projection on the driving link which fits the openings of the driving sprocket.
6. Holes in the links.

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(Note: Washington distribution indicated by "X"; Field distribution by "#")

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25X1

7. Driving sprocket.
8. Bogie wheel.
9. Pins for links in the track.

25X1



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Approved For Release 2008/01/16 : CIA-RDP83-00418R005600570001-6

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